



22w  
AF

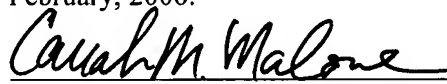
PATENT  
Attorney Docket No. ASC-023C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Fitzgerald CONFIRMATION NO.: 8574  
SERIAL NO.: 10/826,156 ART UNIT: 2826  
FILING DATE: April 16, 2004 EXAMINER: Tran, Minh Loan  
TITLE: CONTROLLING THREADING DISLOCATION DENSITIES IN Ge  
ON Si USING GRADED GeSi LAYERS AND PLANARIZATION

**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8**

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 13th day of February, 2006.

  
Carrah M. Malone

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 page);
2. Reply After Final (7 pages); and
3. Return receipt postcard.



# TRANSMITTAL FORM

Application Serial Number	10/826,156
Filing Date	April 16, 2004
First Named Inventor	Fitzgerald
Group Art Unit	2826
Examiner Name	Tran, Minh Loan
Attorney Docket No.	ASC-023C2
Patent No.	Not applicable
Issue Date	Not applicable


## ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____] <input type="checkbox"/> Petition for Extension of Time <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application <input type="checkbox"/> Formal Drawing(s) <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> CD(s) for large table or computer program <input type="checkbox"/> Amendment After Allowance <input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)	<input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Return Receipt Postcard <input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8 <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8 <input type="checkbox"/> Additional Enclosure(s) (please identify below)
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator  
Goodwin Procter LLP  
Exchange Place  
Boston, MA 02109  
Tel. No.: (617) 570-1000  
Fax No.: (617) 523-1231  
Customer No. 051414

## SIGNATURE BLOCK

Respectfully submitted,  
  
Mark L. Beloborodov  
Attorney for Applicants  
Goodwin Procter LLP  
Exchange Place  
Boston, MA 02109

Date: February 13, 2006  
Reg. No. 50,773  
Tel. No.: (617) 570-1352  
Fax No.: (617) 523-1231



PATENT  
Attorney Docket No. ASC-023C2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Fitzgerald      **CONFIRMATION NO.:** 8574  
**SERIAL NO.:** 10/826,156      **GROUP NO.:** 2826  
**FILING DATE:** April 16, 2004      **EXAMINER:** Tran, Minh Loan  
**TITLE:** CONTROLLING THREADING DISLOCATION DENSITIES IN  
Ge ON Si USING GRADED GeSi LAYERS AND  
PLANARIZATION

***RESPONSE UNDER 37 C.F.R. 1.116  
EXPEDITED PROCEDURE  
EXAMINING GROUP NO. 2826***

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY AFTER FINAL**

This paper is submitted in response to the final Office Action, mailed from the U. S. Patent and Trademark Office on December 1, 2005. Applicant believes that no fee is due for this Reply to be considered. However, please consider this a conditional authorization to charge any additional fees necessary for entry of this paper to Deposit Account No. 07-1700.

**Amendments to the Claims** begin on page 2 of this paper.

Applicant's **Remarks** begin on page 5 of this paper.